

Accelerator Configuration ^{&}	Beam	E [MeV] [#]	E/A [MeV/A]	I _{target} (nA) ^{@\$}	Time structure
CN	¹ H ⁺	5,5	5,50	up to 4000	continuous
	² H ⁺	5,5	2,75	up to 1000**	continuous
	⁴ He ⁺	5,5	1,38	up to 1000	continuous

#	Minimum voltage is 0.8 MV. Maximum voltage is 5.5 MV. Standard conditioning time depends on required voltage: 1 day for 4.6 MV, 2 days for 5 MV, 3 days for 5.5 MV. Working between 3 MV and 5 MV, accelerator experiences a slow deconditioning and it will take few hours or even 1 day to reach again 5.5 MV. Voltage lower than 3 MV are reachable shorting part of the accelerating column. Coming back to high voltage level, after shorting high voltage column, needs accelerator reconditioning (standard conditioning time).				
@	Maximum current strongly depends on beamline required. Beam currents reported on table refer to small angle beamlines (-15 deg, 0 deg, +15 deg). Beam current at larger angle beamline can be reduced down to 30% of the reported value. Users requiring large angle beamlines are kindly advised to contact the Accelerator Division (PACbeams@Inl.infn.it) for technical information before submitting proposal.				
\$	Maximum current can be limited by radio-protection constraints in case of high neutron fluxes generation				
&	Users requiring specific beam dimensions or focalization purposes on their experimental setup are kindly advised to contact the Accelerator Division (PACbeams@Inl.infn.it) for technical information before submitting a proposal.				
**	Energy from 0,8 to 2 MeV up to 1000nA, Energy from 2 to 3 MeV up to 500nA, Energy from 3 to 5.5 MeV up to 200nA limited by radio-protection constraints				

Accelerator Configuration	Beam	E [MeV] [£]	E/A [MeV/A]	I _{target} (nA) [§]	Time structure
AN2000	¹ H ⁺	2,0	2,0	up to 1000	continuous
	³ He ⁺	2,0	0,7	up to 30	continuous
	⁴ He ⁺	2,0	0,5	up to 1000	continuous

£	Minimum voltage is 0.2 MV. Maximum voltage is 2 MV.				
§	Maximum current strongly depends on beamline, experimental apparatus and beam dimension required. Up to 1000 nA are available on all beamlines except 0 deg one. Maximum beam current is related to beam dimension required. At small radius, 150 nA current is achievable. On 0 deg beamline, normal current limit is 20 nA. This limit reduces to 1 nA in case micro-beam is required.				
ç	Users requiring specific beam dimensions or focalization purpose on their experimental setup are are kindly advised to contact the Accelerator Division (PACbeams@Inl.infn.it) for technical information before submitting a				